

Docket No. 214586US3

IN RE APPLICATION OF: Yuki HEMMI, et al.

SERIAL NO: 09/964,624

FILED: September 28, 2001

FOR: METHOD FOR CONTROLLING WATER QUALITY IN NUCLEAR REACTOR AND NUCLEAR POWER PLANT TO WHICH THE METHOD IS APPLIED



36418

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an **Amendment w/ Marked-up Copy** in the above-identified application.

- ☐ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ **Additional documents filed herewith: Request for Extension of Time (3 months)**

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	25	MINUS	25		x \$18 =	\$0.00
INDEPENDENT	2	MINUS	3	0	x \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS				+ \$280 = \$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment				+ \$40 = \$0.00
		TOTAL				\$0.00

- ☒ A check in the amount of **\$920.00** is attached.
- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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214586US3



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

#10/A  
12/31/02  
B. M. M.

IN RE APPLICATION OF: :  
Yukio HEMMI, et al. : EXAMINER: PALABRICA, R  
SERIAL NO: 09/964,624 :  
FILED: September 28, 2001 : GROUP ART UNIT: 3641  
FOR: METHOD FOR CONTROLLING WATER  
QUALITY IN NUCLEAR REACTOR  
AND NUCLEAR POWER PLANT  
TO WHICH THE METHOD IS APPLIED

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action dated June 11, 2002, please amend the above-identified application as follows:

IN THE SPECIFICATION

Please replace the paragraph at page 3, lines 10-20, with the following text:

--In the method of the present invention for controlling water quality in a nuclear reactor, an amount of iron carried into the nuclear reactor serving as a source of radioactivity is minimized as much as possible in order to reduce remarkably an amount of  $\text{NiFe}_2\text{O}_4$  adhering on the surface of coated fuel pipes in a fuel assembly serving as a source of ions and radioactivity in the nuclear reactor. An amount of iron contained in system water such as

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